Substitute for Form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Knewn						
Application Number	10/527,634					
Filing Date	Harqueith 10/7/2005					
First Named Inventor	Martyn Vincent Twigg					
Art Unit	3748					
Examiner Name	TU NGUYEN					
Attorney Docket No.	JMYT-347US					

U.S. PATENT DOCUMENTS							
		Document Number			Pages, Columns, Lines, Where		
Examiner Initials*	Cite No.1	Number - Kind Code <sup>2 (If known)</sup>	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
TMN	1	US-6,293,096	09-25-2001	Khair et al.			
TMN	2	US-2002/0048542-A1	04-25-2002	Deeba et al.			
TMN	3	US-2002/0053202-A1	05-09-2002	Akama et al.			

		FOREIGN PA	TENT DOCUMEN	TS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	<b>⊤</b> 6
TMN	TMN 4 EP-0 341 832-A2		11-15-1989	Johnson Matthey PLC		
-	5	EP-0 560 991-A1	09-22-1993	Toyota Jidosha Kabushiki Kaisha		
	6	EP-0 602 865-A1	06-22-1994	Johnson Matthey PLC		
	7	EP-0 613 714-A2	09-07-1994	Toyota Jidosha Kabushiki Kalsha	i .	
	8	EP-0 758 713-A1	02-19-1997	Toyota Jidosha Kabushiki Kalsha		
	9	EP-0 786 284-A1	07-30-1997	Ford Motor Co.		
	10	EP-1 180 390-A1	02-20-2002	Hitachi, Ltd.		
	11	DE-41 17 364-A1	12-03-1992	Doduco GmbH + Co. Dr. Eugen Dürwächter		
	12	JP-5-59937	03-09-1993	Hitachi, Ltd.		
	13	JP-7-251073-A	10-03-1995	Toyota Motor Corp; Catalder Ind. Co.		
	14	JP-8-14029	01-16-1996	Toyota Motor Corp.		
	15	JP-2002-129937	05-09-2002	Nissan Diesel Motor Co. Ltd.		
	16	JP-2002-045702	02-12-2002	Cataler Corp.		
	17	WO-94/22564	10-13-1994	Engelhard Corp.		
	18	WO-95/00235	01-05-1995	Engelhard Corp.		
	19	WO-96/39576	12-12-1996	Johnson Matthey PLC		
	20	WO-00/28196	05-18-2000	Ceryx Inc.		
	21	WO-00/29726	05-25-2000	Engelhard Corp.		
	22	WO-00/59611	10-12-2000	Engelhard Corp.	,	
V	23	WO-01/74476-A1	10-11-2001	Engelhard Corp.	V	10

Examiner Date Signature Onsidered	.   6/10/2006
Signature U IVI . 10000000 Considered	0/10/2006

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not diation is in conformance with MPEP 609. Draw line through diation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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SHEET 2 of 2

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Application Number	10/527,634
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First Named Inventor	Martyn Vincent Twigg
	3748
Art Unit	TU NGUYEN
Examiner Name	JMYT-347US
Attorney Docket No.	VIII

		NON-PATENT LITERATURE DOCUMENTS	
	Ι	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, include name of the author (in CAPITAL LETTERS)), title of the article (when appropriate), title of the item (book, include name of the author (in CAPITAL LETTERS)), title of the article (when appropriate), title of the item (book, include name of the author (in CAPITAL LETTERS)), title of the article (when appropriate), title of the item (book, include name of the author (in CAPITAL LETTERS)), title of the article (when appropriate),	T <sup>2</sup>
Examiner Initials*	· Cite No.1	country where published	
TMN	24	Yasushi Mase et al., "Nissan's New Multivalve DI Diesel Engine Series," SAE Technical Topac Paper No. 981039, presented at the International Congress and Exposition, Detroit, Michigan, February 23-26, 1998.	
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2 Applicant is to place a check mark here if English language translation is required to obtain or retain a benefit by the public which is to file (and by the USPTO The collection of Information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO The collection of Information is required to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the gathering, preparing, and submitting the complete dapplication form to the USPTO. Time will vary depending upon the Individual case. Any comments on the gathering, preparing, and submitting the complete dapplication form to the USPTO. Time will vary depending upon the Individual case. Any comments on the gathering, preparing, and submitting the complete dapplication form to the USPTO. Time will vary depending upon the Individual case. Any comments on the gathering upon the Individual case. Any comments on the USPTO. Time will vary depending upon the Individual case. Any comments on the gathering upon the Individual case.

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Substitute for Form

	Complete	e if Known	
Application Number	10/527,634		
Filing Date	October 7, 2005		
First Named Inventor	Martyn Vincent T	wigg	
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Examiner Name	TU	NGUYEN	
Attorney Docket No.	JMYT-347US		

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TMN	1	US-4,686,827	08-18-1987	Wade et al.	, igo ob inpress
TMN	2	US-3,741,725	08-12-1971	Graham	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	۳۴		
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)						
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Examiner Signature	Tu M. Nguyen	Date Considered	6/10/2006

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not dilation is in conformance with MPEP 609. Draw line through dilation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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